

ABSTRACT

SUPPORT MECHANISM FOR A RECIPROCATING TOOL

A support roller 15 for supporting a blade of a jigsaw having a scroller mode and a pendulum mode is disclosed. A roller support frame 18 supports the roller 15 and is mounted via a collar 32 to a drive shaft 10 of the jigsaw such that the blade support roller 15 rotates with the jigsaw blade as the drive shaft 10 is rotated in the scroller mode. The support frame 18 also pivots relative to the jigsaw housing to enable the blade support roller 15 to remain in contact with the jigsaw blade in the pendulum mode.